Page 1 of 35 EDGE DETECTION BASED STROKE ADJUSTMENT Arnold, et al. Serial No. 10/816,582 Attorney's Docket No. 07844-636001/P589

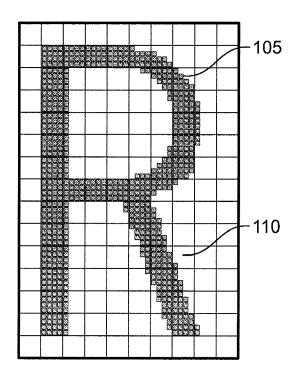


FIG. 1 (Prior Art)

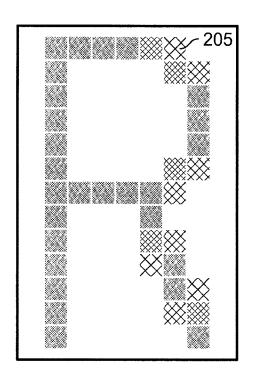


FIG. 2 (Prior Art)

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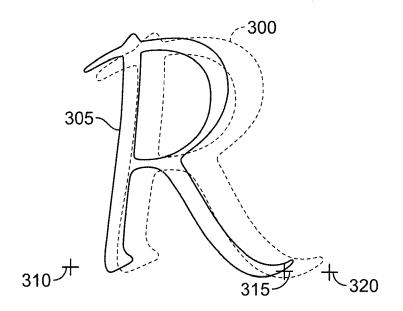


FIG. 3A (Prior Art)

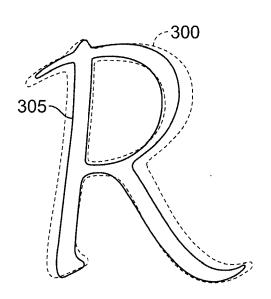


FIG. 3B (Prior Art)

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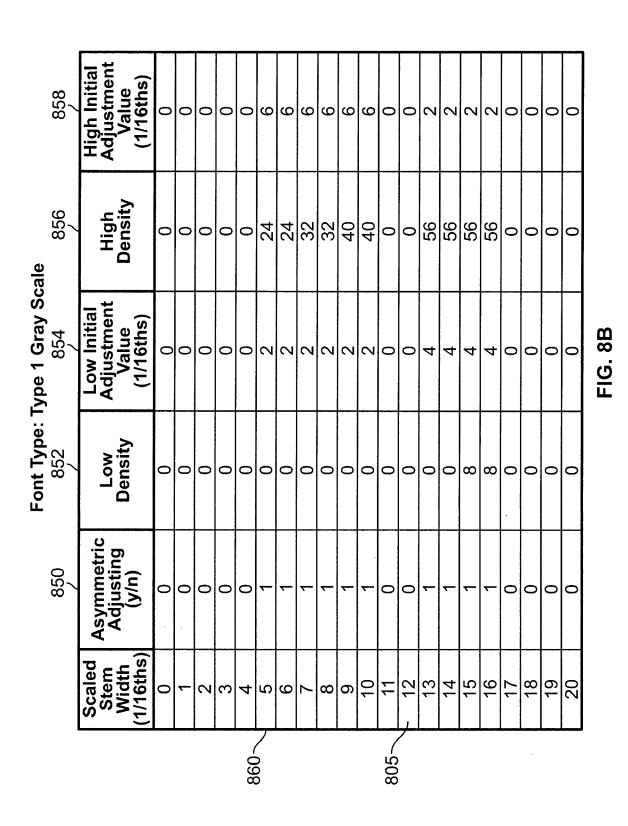
		Έ	T		T	T	Τ	<u> </u>	<u> </u>					<u> </u>	I		ı	Ι	T	
	822	Initial Adjustment Value (1/16ths)	4	4	4	4	4	4	4	4	4	4	4	4	4	က	က	3	က	2
	820	≺ Carry (y/n)	_	-	_	-	_	_	~	~	_	1	1	0	0	1	1	1	_	_
	818	X Carry (y/n)	1	1	_	_	1	٦	_	_	-	_	_	_	_	-	7	_	_	_
a)	816	Y Offset Amt.	_	_	_	-	_	-	-	-	-	-	-	٦	_	_	_	~	_	1
Font Type: Type 1 Gray Scale	814	X Offset Amt.	0	0	0	0	0	0	0	0	0	0	0	1	_	1	1	1	1	1
	812	Y Align.	4	4	4	4	4	8	8	8	8	8	8	4	4	8	8	8	8	8
	810	X Align.	4	4	4	4	4	8	8	8	8	8	8	4	4	8	8	8	8	8
Font T	608	Hinting Policy	Black Edge	Black Edge	Black Edge	Black Edge	Black Edge													
	808	Hint Grid Ratio	4	4	4	4	4	8	8	8	8	8	8	4	4	8	8	8	8	8
	908	Y Grid Ratio	4	4	4	4	4	8	8	8	8	8	8	4	4	8	8	8	8	8
	804	X Grid Ratio	4	4	4	7	4	8	8	8	8	8	8	4	4	8	8	8	8	8
800	802	Scaled Stem Width (1/16ths)	0	1	2	8	4	9 -	9	2	8	6	10	11	- 12	13	14	15	16	17
		803													807					

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						Attorr	ney's i	Docke	et No.	0784	4-636	6001/F	P589									
822	Initial Adjustment Value (1/16ths)	2	2	2	2	2	2	2	2	_	•	_	_	_		_	_	0	0	0	0	
820	Y Carry (y/n)	-	_	_	_	_	_	~	_	0	0	0	-	_	1	_	_	0	0	0	0	
818	X Carry (y/n)	_	_	-	-	-	1	_	-	_	_	-	~	_	_	_	1	_	_	_	1	
816	Y Offset Amt.	-	_	_	1	-	_	_	_	0	0	0	-	-	1	_	1	0	0	0	0	
814	X Offset Amt.	-	1	1	1	1	1	~	-	0	0	0	_	_	_	1	1	0	0	0	0	<u> </u>
812	Y Align.	8	8	8	8	8	8	8	8	4	7	4	8	8	8	8	8	4	4	4	4	8A (Cont'd
810	X Align.	8	8	8	8	8	8	8	8	4	4	4	8	8	8	8	8	4	4	4	4	FIG. 8A (
608	Hinting Policy	Black Edge	Ī																			
808	Hint Grid Ratio	8	8	8	8	8	8	8	8	4	4	4	8	8	8	8	8	4	4	4	4	
908	Y Grid Ratio	8	8	8	8	8	8	8	8	4	4	4	8	8	8	8	8	4	4	4	4	
804	X Grid Ratio	8	8	8	8	8	8	8	8	4	4	4	8	8	8	8	8	4	4	4	4	
802	caled tem /idth 16ths)	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	

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858	High Initial Adjustment Value (1/16ths)	0	0	0	0	0	2	2	2	0	0	2	2	2	0	0	0	0
856	High Density	0	0	0	0	0	12	12	12	99	26	99	99	99	0	0	0	0
854	Low Initial Adjustment Value (1/16ths)	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0
852	Low Density	0	0	0	0	0	0	0	0	0	0	8	8	16	0	0	0	0
850	Asymmetric Adjusting (y/n)	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0
	Scaled Stem Width (1/16ths)	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37

FIG. 8B (Cont'd)

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Font Type: Type 1 Sub Pixel Rendering 842

Initial Adjustment Value (1/16th)	3	3	3	3	3	2	2	2	2	2	2	1	1	0
Hinting Policy	Black Edge													
Y Carry (y/n)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
X Carry (y/n)	_	1	1	1	_	1	1	1	1	1	1	1	Į	1
Y Offset Amt.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
X Offset Amt.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Y Align.	9	9	9	9	9	9	9	9	9	9	9	9	9	9
X Align.	1	1	1	1	1	1	1	1	1	1	1	L	L	l
Hint Grid Ratio	9	9	9	9	9	9	9	9	9	9	9	9	9	9
Y Grid Ratio	9	9	9	9	9	9	9	9	9	9	6	9	9	9
X Grid Ratio	9	9	9	6	9	9	9	9	9	9	9	9	9	9
Scaled Stem Width (1/8th)	0	L	2	3	4	9	9	2	8	6	10	11	12	13

FIG. 8C

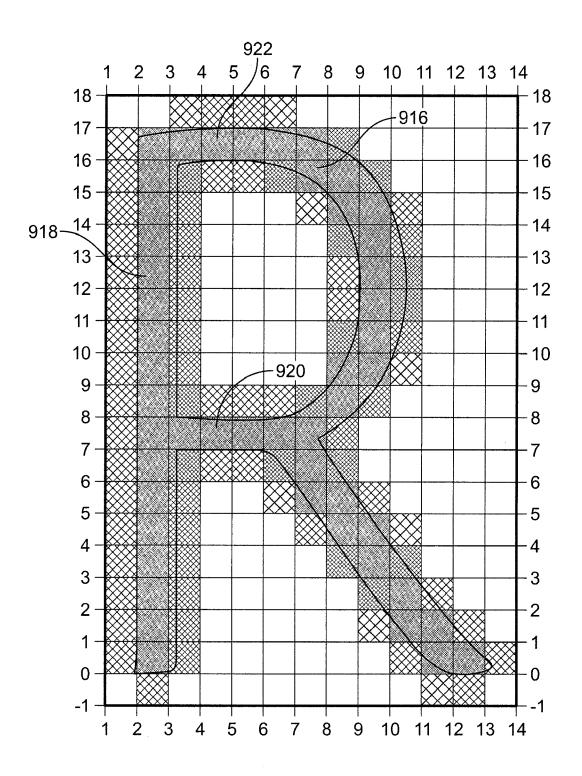


FIG. 9D

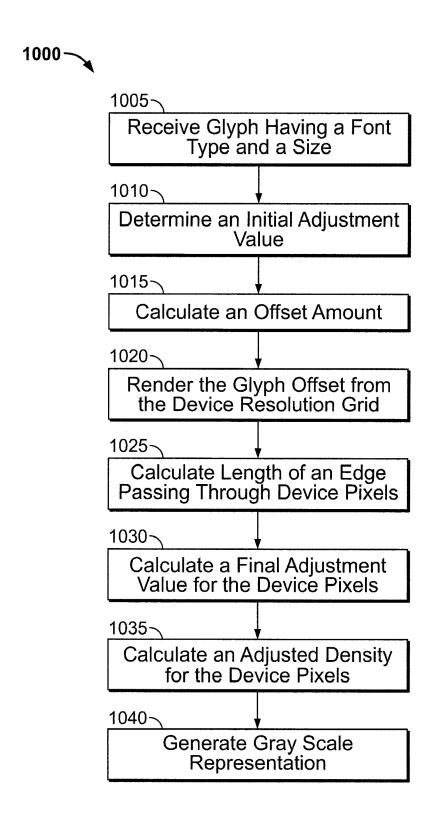


FIG. 10